Contents Volume 44(1990)

Special issue
COLLISION MAGMATISM, edited by **P. Le Fort, J.A. Pearce and A. Pêcher**

Leucogranites of the Himalaya/Karakoram: implications for magmatic evolution within collisional belts and the study of collision-related leucogranite petrogenesis
M.B. Crawford and B.F. Windley (Leicester, U.K.) 1
Cretaceous plutonism in Central Tibet: an example of post-collision magmatism?
N.B.W. Harris (Milton Keynes, U.K.), S. Inger and R. Xu (Beijing, China) 21
Age and cooling history of the Manaslu granite: implications for Himalayan tectonics
P. Copeland and T.M. Harrison (Albany, N.Y., U.S.A.) and P. Le Fort (Grenoble, France) 33
Post-collisional Permian volcanism in northwestern Corsica: an assessment based on mineralogy and trace-element geochemistry
B. Cabanis (Paris, France), J.J. Cochemé and P.J. Vellutini (Marseille, France), J.L. Joron (Gif sur Yvette, France) and M. Treuil (Paris, France) 51
Comparison of young volcanic associations of western and eastern Anatolia formed under a compressional regime: a review
Y. Yilmaz (Istanbul, Turkey) 69
Geochronology and excess Ar geochemistry of the Lhotse Nup leucogranite, Nepal Himalaya
I.M. Villa (Pisa, Italy) 89
Oxygen isotope constraints on the crustal contribution to the subduction-related magmatism of the Aeolian Islands, southern Italy
R.M. Ellam (Oxford, U.K.) and R.S. Harmon (Keyworth, U.K.) 105
The 2 Ga peraluminous magmatism of the Jacobina – Contendas Mirante Belt (Bahia-Brazil): major- and trace-element geochemistry and metallogenic potential
M. Cuney (Vandoeuvre, France), P. Sabaté (Bahia, Brazil), Ph. Vidal (Clermont Ferrand, France), M. Marinho and H. Conceiçao (Bahia, Brazil) 123
Zircon behaviour during crustal anatexis. Evidence from the Tibetan Slab migmatites (Nepal)
M. Brouand, G. Banzet and P. Barbey (Vandoeuvre les Nancy, France) 161
Badrinath-Gangotri plutons (Garhwal, India): petrological and geochemical evidence for fractionation processes in a high Himalayan leucogranite
B. Scaillet and C. France-Lanord (Vandoeuvre, France), and P. Le Fort (Grenoble France) 163
Genesis of collision volcanism in Eastern Anatolia, Turkey
J.A. Pearce (Durham, U.K.), J.F. Bender (Charlotte, N.C., U.S.A.), S.E. De Long and W.S.F. Kidd (Albany, N.Y., U.S.A.), P.J. Low (Newcastle upon Tyne, U.K.), Y. Güner and F. Saroglu (Ankara, Turkey), F. Yilmaz (Istanbul, Turkey), S. Moorbath (Oxford, U.K.) and J.G. Mitchell (Newcastle upon Tyne, U.K.) 189

Research Papers

Volcanic evolution of the island of Tenerife (Canary Islands) in the light of new K-Ar data

E. Ancochea, J.M. Fuster and E. Ibarrola (Madrid, Spain), A. Cendrero (Santander, Spain), J. Coello and F. Hernan (Tenerife, Spain), J.M. Cantagrel and C. Jamond (Clermont-Ferrand, France) 231
Geochemical and geothermal constraints on magma bodies associated with historic activity, Tenerife (Canary Islands)
A. Valentin, J.F. Albert-Bertran and J.L. Diez (Madrid, Spain) 251
Precursory earthquakes of the 1943 eruption of Paricutin volcano, Michoacan, Mexico
I. Yokoyama and S. de la Cruz-Reyna (Mexico D.F., Mexico) 265
A comparative evaluation of the parallel flow and spherical reservoir models of HDR geothermal systems
D. Elsworth (Waterloo, Ont., Canada) 283
Crystal size distribution systematics and the determination of magma storage times: the 1959 eruption of Kilauea volcano, Hawaii
M.T. Mangan (Baltimore, Md., U.S.A.) 295
The welded air-fall tuff layer at Krafla, northern Iceland: a composite eruption triggered by injection of basaltic magma
G.M. Calderone, K. Grönvold and N. Oskarsson (Reykjavik, Iceland) 303
Petrology of Peter I Øy (Peter I Island), West Antarctica
T. Prestvik (Trondheim, Norway), C.G. Barnes (Lubbock, Texas, U.S.A.), B. Sundvoll (Oslo, Norway) and R.A. Duncan (Corvallis, Oreg., U.S.A.) 315
Geochemistry of Andaman-Nicobar island basalts: a case for a possible plume origin
S.H. Jafri, V. Balaram and S.L. Ramesh (Hyderabad, India) 339

Erratum
The 1985 Nevado del Ruiz volcano catastrophe: anatomy and retrospection, by B. Voight (University Park, Penn., U.S.A.). Corrected reprinting of article published in Volume 42 (1/2) pp. 151 – 188 349